



## SUBSTITUTE SPECIFICATION

006450-367

## BOTANICAL / COMMERCIAL CLASSIFICATION

*Rosa hybrida* / Floribunda Rose Plant

## VARIETAL DENOMINATION

cv. 'Meichibon'

### Summary of the Invention

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The new variety of *Rosa hybrida* Floribunda rose plant was created by artificial pollination wherein two parents were crossed which previously had been studied in the hope that they would contribute the desired characteristics. The female parent (*i.e.*, the seed parent) of the new variety was the product of the cross of the 'Meibaltaz' variety (United States Plant Patent No. 8,499) and the 'Landora' variety (non-patented in the United States). The male parent (*i.e.*, the pollen parent) was the 'Delge' variety (non-patented in the United States). The parentage of the new variety can be summarized as follows:

('Meibaltaz' × 'Landora') × 'Delge'.

The seeds resulting from the above pollination were sown and small plants were obtained which were physically and biologically different from each other. Selective study resulted in the identification of a single plant of the new variety.

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It was found that the new variety of Floribunda rose plant of the present invention possesses the following combination of characteristics:

- (a) forms on a very abundant basis attractive double very pale yellow blossoms,
- (b) exhibits a vigorous bushy growth habit,
- (c) displays very good disease resistance,
- (d) forms attractive very dense medium green semi-glossy foliage, and
- (e) is particularly well suited for growing as ornamentation in parks and gardens.

The new variety can be readily distinguished from its ancestors. More specifically, the 'Meibaltaz' variety displays a shorter growth habit. The 'Landora' variety is a hybrid tea that displays distinctive flowers that are yellow-ochre in coloration. The 'Delge' variety displays dissimilar pink flowers.

The new variety well meets the needs of the horticultural industry and is particularly well suited for growing in the landscape.

The new variety has been found to undergo asexual propagation in France by a number of routes, including budding, grafting, and cuttage. Asexual propagation by the above-mentioned techniques in France has shown that the characteristics of

the new variety are stable and are strictly transmissible by such asexual propagation from one generation to another.

The new variety has been named the 'Meichibon' variety.

**Brief Description of the Photograph**

The accompanying photograph shows as nearly true as it is reasonably possible to make the same, in a color illustration of this character, typical specimens of the plant parts of the new variety. The rose plants of the new variety were two years of age and were observed during June while budded on Rosa froebelli understock and growing outdoors at Le Cannet des Maures, Var, France. Dimensions in centimeters are indicated at the bottom of the photograph.

Fig. 1 - illustrates a specimen of a young shoot;

Fig. 2 - illustrates a specimen of a floral bud before the opening of the sepals;

Fig. 3 - illustrates a specimen of a floral bud at the opening of the sepals;

Fig. 4 - illustrates a specimen of a floral bud at the opening of the sepals;

Fig. 5 - illustrates a specimen of a flower in the course of opening;

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Fig. 6 - illustrates a specimen of an open flower - plan view - obverse;

Fig. 7 - illustrates a specimen of an open flower - plan view - reverse;

Fig. 8 - illustrates a specimen of a fully open flower - plan view - obverse;

Fig. 9 - illustrates a specimen of a fully open flower - plan view - reverse;

Fig. 10 - illustrates a specimen of a floral receptacle showing the arrangement of the stamens and pistils;

Fig. 11 - illustrates a specimen of a floral receptacle showing the arrangement of the pistils (stamens removed);

Fig. 12 - illustrates a specimen of a flowering stem;

Fig. 13 - illustrates a specimen of a main branch;

Fig. 14 - illustrates a specimen of a leaf with three leaflets - plan view - upper surface

Fig. 15 - illustrates a specimen of a leaf with five leaflets - plan view - under surface; and

Fig. 16 - illustrates a leaf with seven leaflets - plan view - upper surface.

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### Detailed Description

The chart used in the identification of the colors is that of the Royal Horticultural Society (R.H.S. Colour Chart). The description is based on the observation of two year-old plants during September while budded on Rosa froebelli understock and growing outdoors at Le Cannet des Maures, Var, France. The coloration in common terms precedes reference to the chart in some instances.

CLASS: Floribunda.

PLANT:

height -- approximately 90 cm on average at the end  
of the growing season.  
width -- approximately 70 to 90 cm on average at  
the end of the growing season.  
habit -- bushy.

BRANCHES:

color -- young stems: near Yellow-Green  
Group 146A.  
-- adult wood: near Yellow-Green  
Group 146C.

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- thorns -- size: medium (as illustrated).
- quantity: numerous (as illustrated). On a stem of 20 cm in length approximately 17 thorns commonly are present on average.
- color: near Greyed-Orange Group 165A and 165B.
- shape: rather flat on upper surface and slightly concave on the under surface.

### LEAVES:

- stipules — adnate, pectinate, and rather broad.
- petioles -- upper surface: near Green Group 139A in coloration.
- under surface: near Yellow-Green Group 146B in coloration.
- leaflets -- number: 3, 5, and 7.
- shape: ovate.
- serration: regular (as illustrated).
- texture: consistent and rather firm.

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- general appearance: very dense, medium green, and semi-glossy foliage.
- color (young foliage):
  - upper surface: near Green Group 139A with some anthocyanin coloration of near Greyed-Purple Group 183B.
  - under surface: near Yellow-Green Group 146A with some anthocyanin coloration of Greyed-Purple Group 183D.
- color (adult foliage):
  - upper surface: near Green Group 139A.
  - under surface: near Yellow-Green Group 146A.

## INFLORESCENCE

number  
of flowers -- usually 2 to 5 flowers per stem.

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- peduncle -- near Yellow-Green Group 146A with some anthocyanin coloration of Greyed-Red Group 182A, medium in size, commonly bears numerous small prickles, and approximately 2.5 to 3 cm in length.
- sepals -- upper surface: near Yellow-Green Group 148B and 148C in coloration, and pubescent.
- under surface: near Yellow-Green Group 146C in coloration, pubescent, and commonly bear small prickles.
- number: five.
- configuration: elongated and commonly with some weak extensions (as illustrated).
- buds -- shape: conical.
- size: medium.
- length: approximately 2 cm on average.

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-- color upon opening:

upper surface: Primrose Yellow, near  
Yellow Group 4D, with a very light edging  
on the internal petals of Red Group 38D.

under surface: Primrose Yellow, near  
Yellow Group 4D, with a very light edging  
on the internal petals of Red Group 38D.

flower -- shape: double and cup-shaped.

-- diameter: commonly approximately 8 to  
10 cm on average.

-- stem length: flowering stems commonly  
measure up to approximately 90 cm in  
length at the end of the growing season.

-- color (when opening begins):

upper surface: Primrose Yellow, near  
Yellow Group 4D, with a very light edging  
on the internal petals of Orient Pink, Red  
Group 36A.

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under surface: Primrose Yellow, near  
Yellow Group 4D, with a very light edging  
on the internal petals of Orient Pink, Red  
Group 36A.

-- color (when blooming):  
upper surface: Primrose Yellow, near  
Yellow Group 4D, with a very light edging  
on the internal petals of Orient Pink, Red  
Group 36A.

under surface: Primrose Yellow, near  
Yellow Group 4D, with a very light edging  
on the internal petals of Orient Pink, Red  
Group 36A.

-- color (at end of opening):  
upper surface: Primrose Yellow, near  
Yellow Group 4D, with a very light edging  
on the internal petals of Orient Pink, Red  
Group 36A.

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under surface: Primrose Yellow, near  
Yellow Group 4D, with a very light edging  
on the internal petals of Orient Pink, Red  
Group 36A.

- fragrance: none.
- lasting quality: very long. The flowers  
commonly last approximately 10 to 12 days  
on the plant on average. The longevity of  
the flowers when cut and placed in a vase  
has not been evaluated since the variety is  
primarily intended for providing  
ornamentation outdoors in the landscape.
- petal shape: with a cordate base and a  
cordate tip that is somewhat reflexed.
- petal number: approximately 99 to 107 on  
average.
- stamen: approximately 57 on average.
- anthers: near Yellow-Orange Group 15B in  
coloration.

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- pollen: formed in a sparse quantity and near Yellow Group 9A in coloration.
- filaments: near Yellow-Orange Group 15D in coloration.
- pistils: approximately 66 on average.
- stigmas: near Yellow-Orange Group 15D in coloration.
- styles: near Yellow-Orange Group 15D in coloration.
- receptacle: near Yellow-Green Group 146A in coloration, and in longitudinal section in the shape of a funnel.
- hips: substantially round in configuration.

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### DEVELOPMENT

vegetation -- very strong.

blooming -- very abundant.

resistance to diseases -- very good with respect to Black Spot.

Slight susceptibility to Powdery Mildew has been observed during observations to date.

aptitude to bear fruit -- medium.